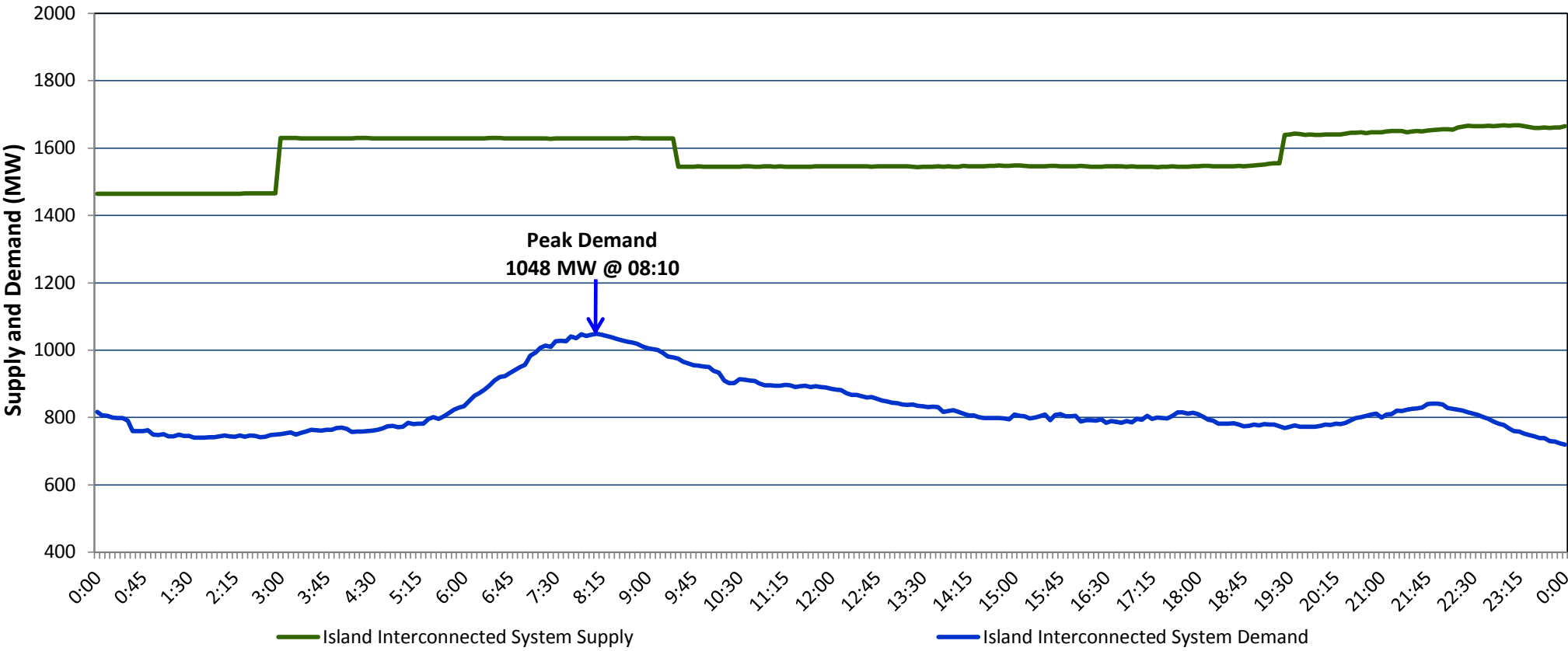


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, May 31, 2017

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, May 30, 2017



Supply Notes For May 30, 2017

- 1,2
- A As of 2003 hours, May 03, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- B As of 1510 hours, May 07, 2017, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- C As of 0830 hours, May 09, 2017, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- D As of 0750 hours, May 10, 2017, Holyrood Unit 3 available at 147 MW (150 MW).
- E As of 1300 hours, May 16, 2017, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- F As of 1544 hours, May 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
- G As of 0826 hours, May 23, 2017, Holyrood Unit 1 available at 110 MW (170 MW).
- H As of 0810 hours, May 24, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
- I At 0259 hours, May 30, 2017, Holyrood Unit 2 available at 165 MW (170 MW).
- J At 0929 hours, May 30, 2017, Upper Salmon Unit unavailable due to planned outage (84 MW).
- K At 1923 hours, May 30, 2017, Upper Salmon Unit available (84 MW).

Section 2  
Island Interconnected Supply and Demand

Wed, May 31, 2017    Island System Outlook <sup>3</sup>			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	
Available Island System Supply: <sup>5</sup>	1,625	MW	Wednesday, May 31, 2017		9	10	920
NLH Generation: <sup>4</sup>	1,340	MW	Thursday, June 01, 2017		7	8	960
NLH Power Purchases: <sup>6</sup>	80	MW	Friday, June 02, 2017		9	13	880
Other Island Generation:	205	MW	Saturday, June 03, 2017		8	11	860
Current St. John's Temperature:	9	°C	Sunday, June 04, 2017		5	3	990
Current St. John's Windchill:	N/A	°C	Monday, June 05, 2017		4	5	1,055
7-Day Island Peak Demand Forecast:	1,055	MW	Tuesday, June 06, 2017		4	3	1,005

Supply Notes For May 31, 2017

- 3
- Notes:
- Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
  - Due to the Island Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
  - As of 0800 Hours.
  - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  - Gross output from all Island sources (including Note 4).
  - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

Section 3  
Island Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak

Tue, May 30, 2017	Actual Island Peak Demand <sup>8</sup>	08:10	1,048 MW
Wed, May 31, 2017	Forecast Island Peak Demand		920 MW

Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).